



CARLO GAVAZZI

CARLO GAVAZZI SPACE SpA

**AMS02-PDS**

DOC N°: PDS-RP-CGS-045

ISSUE : 1      DATE: 01/09/2008

PAGE : 1 of 2

**INSPECTION REPORT**

APPLICABLE DOC. REF.

AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001  
is. 1

PROC. REF.

N.A.

ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – Visual inspection of some Piggy Back Boards before partially conformal coating -- Inspection Point.

REQUIREMENT SATISFIED

Manufacturing according to aerospace standards

INSPECTION (Action/Results)

**DESCRIPTION**

Inspection was performed at Carlo Gavazzi Space premises starting on 1 September 2008 and was carried out on the following boards before partially conformal coating applied only on one layer, detail of the inspected boards were below reported:

- 1) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07-016 / G.
- 2) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07-016 / B.

**HARDWARE REVIEW**

1) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07-016 / G, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.02 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.

The following NCRs were presented during the inspection:

- NCR-PDS-CGS-C-040(electrical connection missing on pcb), NCR classified "minor" is closed.
- NCR-PDS-CGS-C-042(OVC protection improvement), NCR classified "minor" is closed.

The following PLVVs (Parts List Variation Sheet) were presented during the inspection:

- 11-AMS02PDS-740.02 rev / - A2 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A10 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A13 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A15 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A16 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A18 can be considered closed.
- 11-AMS02PDS-740.02 rev / - A21 can be considered closed.

The H/W has been visually inspected and is ok: no damage, visible clean is ok.

Operator

Quality Assurance

C.C.

Signature

Date

E. FRANCHI

01/08/08

C. CINQUEPALLI  
11318

 CARLO GAVAZZI CARLO GAVAZZI SPACE SpA	<h1>AMS02-PDS</h1>	DOC N°: PDS-RP-CGS-045 ISSUE : 1      DATE: 01/09/2008 PAGE : 2 of 2
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## INSPECTION REPORT

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ITEM INSPECTED (Name, P/N, S/N) See page 1							
REQUIREMENT SATISFIED See page 1							
INSPECTION (Action/Results) 2) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07-016 / B, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.02 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./. <p>The following NCRs were presented during the inspection:</p> <ul style="list-style-type: none"> <li>• NCR-PDS-CGS-C-040(electrical connection missing on pcb), NCR classified "minor" is closed.</li> <li>• NCR-PDS-CGS-C-042(OVC protection improvement), NCR classified "minor" is closed.</li> </ul> <p>The following PLVSs (Parts List Variation Sheet) were presented during the inspection:</p> <ul style="list-style-type: none"> <li>• 11-AMS02PDS-740.02 rev / - A2 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A5 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A13 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A15 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A16 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A17 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A21 can be considered closed.</li> </ul> <p>The H/W has been visually inspected and is ok: no damage, visible clean is ok.</p>							
<h3><u>CONCLUSION</u></h3> <p>All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08A and ECSS-Q-70-38A, all modifications are performed according to ECSS-Q-70-28A.</p>							
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Operator</td> <td style="width: 33%;">Quality Assurance</td> <td style="width: 33%;">C.C.</td> </tr> </table>		Operator	Quality Assurance	C.C.			
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Signature	E. FRANCINI	E. CINQUEPAGNI					
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